

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Aquatic Resources
Honolulu, Hawaii 96813

August 28, 2009

Board of Land
and Natural Resources
Honolulu, Hawaii

Request for Authorization and Approval to Issue a Papahānaumokuākea Marine National Monument Native Hawaiian Practices Permit to Mahina Duarte and Matt Ramsey, for Access to State Waters to Conduct 'Opihi Population Assessment Activities.

The Division of Aquatic Resources (DAR) hereby submits a request for your authorization and approval for issuance of a Papahānaumokuākea Marine National Monument Native Hawaiian practices permit to Mahina Duarte and Matt Ramsey, pursuant to § 187A-6, Hawaii Revised Statutes (HRS), chapter 13-60.5, Hawaii Administrative Rules (HAR), and all other applicable laws and regulations.

The Native Hawaiian practices permit, as described below, would allow entry and activities to occur in the Papahānaumokuākea Marine National Monument (Monument), including the NWHI State Marine Refuge and the waters (0-3 nautical miles) surrounding the following sites:

- Nihoa Island
- Necker Island (Mokumanamana)
- Gardner Pinnacles

The activities covered under this permit would occur from September 1, 2009 through November 30, 2009.

The proposed activities are a continuation of work previously permitted and conducted in the Monument.

INTENDED ACTIVITIES

The applicants propose to examine the basic ecology of 'opihi populations within the NWHI. The purpose of the project is to expand and advance traditional Native Hawaiian knowledge in the field of marine conservation and management. The primary objectives of the cultural expedition are to: (1) collect environmental data related to traditional Native Hawaiian marine management; (2) expand the application of traditional Hawaiian environmental monitoring tools and methodologies; (3) increase the knowledge base pertaining to 'opihi abundance, health and life cycles.

Through a collaboration with Na Mamo o Muole'a, the Nature Conservancy, the Hawai'i Institute of Marine Biology and the NOAA Papahānaumokuākea Marine National Monument; a standard 'opihi monitoring protocol which is inclusive of Hawaiian methods of monitoring, has been developed to monitor populations within select locale on Maui and Kaho'olawe islands. To date, three surveys have been conducted. It is proposed that a similar study be conducted in the NWHI to better understand 'opihi health relative to populations located in the main Hawaiian Islands.

To conduct the surveys a research team of two cultural practitioners, two research scientists, and one local manager would lay belt transects to assess class size, population density, community structure, species range and distribution, and rigosity. In addition, a Hawaiian rapid assessment would be conducted to classify and rank suitable 'opihi habitat and overall 'opihi abundance. Both surveys will collect quantitative and qualitative data. All team members have worked together on previous 'opihi monitoring efforts and have first-hand experience in applying the integrated monitoring approach.

This activity would help the Monument by strengthening its management of cultural resources and ensure the strong participation of Native Hawaiians in the region's long-term protection. The activities proposed by the applicant directly support the Monument Management Plan's priority management needs in the Native Hawaiian Culture and History action plan 3.1.2. The strategies and activities which make up action plan 3.1.2 specifically address the need to conduct, support, and facilitate Native Hawaiian cultural access and research of the Northwestern Hawaiian Islands, as well as the need to integrate Native Hawaiian traditional knowledge and management concepts into Monument management.

The activities described above may require the following regulated activities to occur in State waters:

- ☒ Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

REVIEW PROCESS:

The permit application was sent out for review and comment to the following scientific and cultural entities: Hawaii Division of Aquatic Resources, Hawaii Division of Forestry and Wildlife, Papahānaumokuākea Marine National Monument (NOAA/NOS), NOAA Pacific Islands Regional Office (NOAA-PIRO), United States Fish and Wildlife Service Hawaiian and Pacific Islands National Wildlife Refuge Complex Office, and the Office of Hawaiian Affairs (OHA). In addition, the permit application has been posted on the Monument Web site since March 12th, giving the public an opportunity to comment. The application was posted within 40 days of its receipt, in accordance with the Monument's Public Notification Policy.

Comments received from the scientific community are summarized as follows:

Scientific reviews support the acceptance of this application.

Concerns raised were:

1. Clarification on the scientific basis for the proposed work

Comments received from the Native Hawaiian community are summarized as follows:

Cultural reviews support the acceptance of this application.

No concerns were raised.

Comments received from the public are summarized as follows:

No comments were received from the public on this application.

Additional reviews and permit history:

Are there other relevant/necessary permits or environmental reviews that have or will be issued with regard to this project? (e.g. MMPA, ESA, EA) Yes ☒ No ☐

If so, please list or explain:

- The proposed activities are in compliance with the National Environmental Policy Act.
- State of Hawaii DLNR Section 106 Compliance (pending)

Has Applicant been granted a permit from the State in the past? Yes ☒ No ☐

If so, please summarize past permits:

- Applicant Mahina Duarte was granted permit PMNM-2008-053 for similar activities last year.

Have there been any a) violations: Yes ☐ No ☒

b) Late/incomplete post-activity reports: Yes ☐ No ☒

Are there any other relevant concerns from previous permits? Yes ☐ No ☒

RESPONSE:

1. The applicants explain that the central purpose of the expedition is to expand and advance traditional Native Hawaiian knowledge in the field of marine conservation and management. This Native Hawaiian research is an expansion of the 'opihi monitoring project that was developed in partnership with the Hawaii Institute of Marine Biology, Na Mamo o Muole'a and the Kaho'olawe Island Reserve Commission.

STAFF OPINION:

DAR staff is of the opinion that the Applicants have properly demonstrated valid justifications for their application and should be allowed to enter the NWHI State waters and to conduct the activities therein as specified in the application with the following special instructions and

conditions, which are in addition to the Papahānaumokuākea Marine National Monument Native Hawaiian Practices Permit General Conditions. The following special conditions have been vetted through the legal counsel of the Co-Trustee agencies.

1. To prevent introduction of disease or the unintended transport of live organisms, the permittee must comply with the disease and transport protocol attached to this permit.
2. Tenders and small vessels must be equipped with engines that meet EPA emissions requirements.
3. Refueling of tenders and all small vessels must be done at the support ships and outside the confines of lagoons or near-shore waters in the State Marine Refuge
4. No fishing is allowed in State Waters except as authorized under State law for subsistence, traditional and customary practices by Native Hawaiians.

MONUMENT MANAGEMENT BOARD OPINION:

The MMB is of the opinion that the Applicants have met the findings of Presidential Proclamation 8031 and this activity may be conducted subject to completion of all compliance requirements. The MMB concurs with the special conditions recommended by DAR staff.

RECOMMENDATION:

“That the Board authorize and approve, with stated conditions, a Native Hawaiian Practices Permit to Mahina Duarte and Matt Ramsey.”

Respectfully submitted,

DAN POLHEMUS
Administrator

APPROVED FOR SUBMITTAL

LAURA H. THIELEN
Chairperson

Papahānaumokuākea Marine National Monument
Native Hawaiian Practices Permit Application

NOTE: *This Permit Application (and associated Instructions) are to propose activities to be conducted in the Papahānaumokuākea Marine National Monument. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Papahānaumokuākea Marine National Monument (Monument).*

ADDITIONAL IMPORTANT INFORMATION:

- Any or all of the information within this application may be posted to the Monument website informing the public on projects proposed to occur in the Monument.
- In addition to the permit application, the Applicant must either download the Monument Compliance Information Sheet from the Monument website OR request a hard copy from the Monument Permit Coordinator (contact information below). The Monument Compliance Information Sheet must be submitted to the Monument Permit Coordinator after initial application consultation.
- Issuance of a Monument permit is dependent upon the completion and review of the application and Compliance Information Sheet.

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Send Permit Applications to:

Papahānaumokuākea Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300

Honolulu, HI 96825

nwhipermit@noaa.gov

PHONE: (808) 397-2660 FAX: (808) 397-2662

SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, SEE THE LAST PAGE.

Papahānaumokuākea Marine National Monument Permit Application Cover Sheet

This Permit Application Cover Sheet is intended to provide summary information and status to the public on permit applications for activities proposed to be conducted in the Papahānaumokuākea Marine National Monument. While a permit application has been received, it has not been fully reviewed nor approved by the Monument Management Board to date. The Monument permit process also ensures that all environmental reviews are conducted prior to the issuance of a Monument permit.

Summary Information

Applicant Name: Matt Ramsey and Faylene Mahina Duarte

Affiliation: N/A

Permit Category: Native Hawaiian Practices

Proposed Activity Dates: September – November 2009

Proposed Method of Entry (Vessel/Plane): Vessel

Proposed Locations: Nihoa Island, Mokumanamana Island, Gardner Pinnacles, Maro Reef, Laysan Island, Lisianski Island, Midway Atoll, Kure Atoll

Estimated number of individuals (including Applicant) to be covered under this permit:

Four individuals are to be covered under this permit

Estimated number of days in the Monument: 35 days

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

The proposed activity aims to examine the basic ecology of 'opihi populations within the NWHI. Through a collaboration with Na Mamo o Muole'a, the Nature Conservancy, the Hawai'i Institute of Marine Biology and the NOAA Papahānaumokuākea Marine National Monument; a standard 'opihi monitoring protocol which is inclusive of Hawaiian methods of monitoring, has been developed to monitor populations within select locale on Maui and Kaho'olawe islands. To date, three surveys have been conducted. It is proposed that a similar study be conducted in the NWHI to better understand 'opihi health relative to populations located in the main Hawaiian Islands. Consistent with proclamation 8031, these activities will strengthen cultural and spiritual connections to the Northwestern Hawaiian islands and foster the expansion and perpetuation of Native Hawaiian knowledge. This knowledge may be critical as it is observed by locals that 'opihi stocks are generally diminishing in size and number in the main Hawaiian islands, therefore more data in this area may help to curb the decline.

b.) To accomplish this activity we would

To accomplish these activities, the research team would lay belt transects to assess class size, population density, community structure, species range and distribution, and rigosity. In addition, a Hawaiian rapid assessment would be conducted to classify and rank suitable 'opihi habitat and overall 'opihi abundance. Both surveys will collect quantitative and qualitative data.

A minimum of 20 surveys at each island / atoll need to be conducted to perform a statistical analysis at a Hawai'i Institute of Marine Biology lab. Data will be analyzed to glean information useful to local and governmental managers.

The research team (two of which would enter the Monument) will be comprised of two cultural practitioners, two Western research scientists, and one local manager; all of which have worked together in previous 'opihi monitoring efforts and have first-hand experience in applying the integrated monitoring approach.

To ensure the success of these field studies, the tea will perform appropriate protocol and offer ho'okupu (cultural offerings) to maintain the spiritual integrity of the cultural sites that are visited.

c.) This activity would help the Monument by ...

This activity would help the Monument by strengthening its management of cultural resources and ensure the strong participation of Native Hawaiians in the region's long-term protection. By providing opportunities to conduct cultural research, practitioners will assist in the recovery of important Native Hawaiian marine management practices and advance Native Hawaiian traditional ecological knowledge. Additionally, the permitted cultural practitioners and researchers will be key to the development of an eventual cultural access and monitoring plan for the NWHI.

Other information or background: Additionally this project is also supported by the following activities in the Monument Management Plan, (NHCH-2.1, 2.2, 2.3, 2.5, 2.6, 3.4 and NHCI – 3.1 and 3.2) all of which call for the identification of Native Hawaiian research priorities and access opportunities.

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Duarte, Faylene, M. and Ramsey, Matt

Title:

1a. Intended field Principal Investigator (See instructions for more information):
Matt Ramsey

2. Mailing address (street/P.O. box, city, state, country, zip):

For students, major professor's name, telephone and email address:

3. Affiliation (institution/agency/organization directly related to the proposed project):
NOAA Papahānaumokuākea Marine National Monument

4. Additional persons to be covered by permit. List all personnel roles and names (if known at time of application) here (e.g. John Doe, Diver):

Four of the following individuals would enter the Monument under this permit:

Cultural Practitioner-Legario Eharis

Cultural Practitioner-Walter Pu

Research Scientist – Nakoa Goo

Research Scientist – Matt Ramsey

Research Scientist-Chris Bird, Ph.D.

Research Scientist-Rob Toonen, Ph.D.

Community Manager-Emily Felding

NOAA Manager-Moani Pai

Section B: Project Information

5a. Project location(s):

☒ Nihoa Island

☒ Necker Island (Mokumanamana)

☐ French Frigate Shoals

☐ Land-based

☒ Land-based

☐ Land-based

Ocean Based

☒ Shallow water

☒ Shallow water

☐ Shallow water

☐ Deep water

☐ Deep water

☐ Deep water

<input checked="" type="checkbox"/> Gardner Pinnacles	<input checked="" type="checkbox"/> Land-based	<input checked="" type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Maro Reef			
<input type="checkbox"/> Laysan Island	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Lisianski Island, Neva Shoal	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Pearl and Hermes Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Midway Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Kure Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Other			

NOTE: There is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

- ☐ Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving Monument resource
- ☐ Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- ☐ Anchoring a vessel
- ☐ Deserting a vessel aground, at anchor, or adrift
- ☐ Discharging or depositing any material or matter into the Monument
- ☐ Touching coral, living or dead
- ☐ Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the Monument
- ☐ Attracting any living Monument resource
- ☐ Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- ☐ Subsistence fishing (State waters only)
- ☒ Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6 Purpose/Need/Scope *State purpose of proposed activities:*

The central purpose of the expedition is to expand and advance traditional Native Hawaiian knowledge in the field of marine conservation and management. The primary objectives of the cultural expedition are to: (1) collect environmental data related to traditional Native Hawaiian marine management; (2) expand the application of traditional Hawaiian environmental monitoring tools and methodologies; (3) increase the knowledge base pertaining to 'opihi abundance, health and life cycles.

7. Answer the Findings below by providing information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Monument:

The Findings are as follows:

a. How can the activity be conducted with adequate safeguards for the cultural, natural and historic resources and ecological integrity of the Monument?

The activities will provide adequate safeguards towards cultural, natural and historic resources by adhering to all rules and regulations established by the Monument and its staff.

b. How will the activity be conducted in a manner compatible with the management direction of this proclamation, considering the extent to which the conduct of the activity may diminish or enhance Monument cultural, natural and historic resources, qualities, and ecological integrity, any indirect, secondary, or cumulative effects of the activity, and the duration of such effects? Members of the expedition will adhere to all rules and regulations as established by the Monument and its staff. In addition to the prescribed rules, the cultural practitioners are interested in assisting with the development of a cultural resource monitoring and access plan.

c. Is there a practicable alternative to conducting the activity within the Monument? If not, explain why your activities must be conducted in the Monument.

No. There is no other place within the Hawaiian archipelago that can serve as a baseline of abundance for local community-based marine managers due to its remote locale and legal protection status. Because the Northwestern Hawaiian islands are remotely managed, this area serves as an optimal measure to determine expected abundances-as these practitioners are engaged in community-based near shore marine management in the main Hawaiian islands. A field study was attempted on Kaho'olawe, however, due to fishing pressures and run-off, the study site was determined to be sub-optimal.

d. How does the end value of the activity outweigh its adverse impacts on Monument cultural, natural and historic resources, qualities, and ecological integrity?

The end value of the activity outweighs any adverse impacts by safeguarding against the loss of opportunity to expand Native Hawaiian knowledge relating to the NWHI. There is a great need to recover traditional Native Hawaiian marine ecosystem management practices, and as such, the Monument provides an unparalleled venue to accomplish this.

e. Explain how the duration of the activity is no longer than necessary to achieve its stated purpose.

Thirty-five days is a good starting point to develop an empirical based research regime. Preferably, the activity would extend for a summer to begin to accord a moon calendar for the NWHI.

f. Provide information demonstrating that you are qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.

Both co-permit applicants are qualified to conduct and complete the proposed as a practitioner of Hawaiian fishpond management and near-shore marine management for a combination of more than twenty years. During Ms. Duarte's tenure as a fishpond manager, she regularly designed cultural research projects that informed real-time decision-making and devised solutions to address the estuarine systems' environmental challenges. Mr. Ramsey has experience in marine conservation management and 'opihi monitoring protocols (western and traditional).

The cultural specialists that will perform various research activities are all highly trained in traditional near-shore marine management and fishery management. Combined, the practitioners represent nearly 150 years of field-based knowledge and information.

g. Provide information demonstrating that you have adequate financial resources available to conduct and complete the activity and mitigate any potential impacts resulting from its conduct. The proposed activities are funded in full by NOAA, Papahānaumokuākea Marine National Monument.

h. Explain how your methods and procedures are appropriate to achieve the proposed activity's goals in relation to their impacts to Monument cultural, natural and historic resources, qualities, and ecological integrity.

The methods and procedures employed will be both empirical and experiential based. These are widely accepted methods for acquiring data in the marine environment by Native Hawaiian marine practitioners and research scientists. The proposed methodology will not require specialized equipment and will also take into full account the fragility of the Monument's resources.

i. Has your vessel has been outfitted with a mobile transceiver unit approved by OLE and complies with the requirements of Presidential Proclamation 8031?
Berthing space upon a NOAA vessel to be determined.

j. Demonstrate that there are no other factors that would make the issuance of a permit for the activity inappropriate.

All permits required for access and conducting cultural observations of the marine environment will be obtained. Also, several members from the Native Hawaiian cultural working group have been consulted regarding the activities to be permitted under this application.

ADDITIONAL FINDINGS FOR PROPOSED NATIVE HAWAIIAN PRACTICES

k. Explain how the activity is non-commercial and will not involve the sale of any organism or material collected.

The activity is non-commercial. The end-value of the activity is informational and is intended to provide local and governmental managers the information critical to the conservation of these cultural resources.

l. Explain how the purpose and intent of the activity is appropriate and deemed necessary by traditional standards in the Native Hawaiian culture (pono), and demonstrate an understanding of, and background in, the traditional practice and its associated values and protocols.

The purpose and intent of the proposed activity is appropriate and pono by traditional standards in the Native Hawaiian culture in that the expedition is centered around enhancing traditional marine resource management skills through careful observation. The ability to increase or maintain productivity of a particular kai(fishery) is integral to maintaining traditional Native Hawaiian knowledge and marine management systems; and is therefore consistent with pono marine stewardship tenets.

m. Explain how the activity benefits the resources of the Northwestern Hawaiian Islands and the Native Hawaiian community.

The data collected from these field studies will better enable these practitioners to understand the biological, spiritual and cultural connections between the NWHI and the main Hawaiian islands. And in doing so, practitioners will be better equipped to manage their areas in the main Hawaiian islands from which the Northwestern Hawaiian islands will ultimately benefit.

n. Explain how the activity supports or advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to the Northwestern Hawaiian Islands.

The group of cultural practitioners being selected for this expedition possess intricate knowledge of traditional Native Hawaiian marine management practices in the near shore fishery area within their own ahupua'a. Of equal importance, knowledge gained will be utilized to inform local marine management and conservation education within their home communities. Each practitioner will reflect upon traditional concepts like 'aina momona(bountiful lands), ho'omalu(regulated activities) and kapu(prohibited activities) which are fundamental in traditional Native Hawaiian marine management.

o. Will all Monument resources harvested in the Monument be consumed in the Monument? If not, explain why not.

No Monument resources will be harvested under this permit.

8. Procedures/Methods:

The cultural research team would make visual assessments of nearshore areas where 'opihi are located. The research team would record substrate type, limu type/density, crustose/turf/macro algae proportions, other species proportions/ratio, clumping of 'opihi, presence of natural predators, freshwater input, etc. The team would take wet/dry notes and use digital cameras to

record observations. To complete this project, cultural researchers would require access to nearshore areas that contain ‘opihi habitat (e.g. intertidal zone at Mokumanamana). Cultural researchers would adhere to all Monument requirements while undertaking this project.

NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a customized application will be needed. For more information, contact the Monument office on the first page of this application.

9a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

Common name:

Scientific name:

Hawaiian name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

9b. What will be done with the specimens after the project has ended?

n/a

9c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

n/a

• General site/location for collections:

n/a

• Is it an open or closed system? ☐ Open ☐ Closed

n/a

• Is there an outfall? ☐ Yes ☐ No

n/a

• Will these organisms be housed with other organisms? If so, what are the other organisms?

n/a

- Will organisms be released?

n/a

10. If applicable, how will the collected samples or specimens be transported out of the Monument?

not applicable

11. Describe any fixed or semi-permanent structures or installations, or cultural offerings you plan to leave in the Monument:

A culturing offering of pa'akai(salt) may remain in the Monument.

12. List all specialized gear and materials to be used in the proposed activities:

none

13. List all Hazardous Materials you propose to take to and use within the Monument:

none

14. Describe collaborative activities to share samples, cultural research and/or knowledge gained in the Monument:

Cultural specialists will present findings to youth in various educational venues and incorporate into local curricula as appropriate. Presentation format will vary from multi-media platforms to the performing arts.

15a. Will you produce any publications, educational materials or other deliverables?

☒ Yes ☐ No

15b. Provide a time line for write-up and publication of information or production of materials:

A copy of all publications and/or educational materials will be completed within six months from date of return.

16. If applicable, list all Applicant's publications directly related to the proposed project:

not applicable

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct. I agree that the Co-Trustees may post this application in its entirety on the Internet. I understand that the Co-Trustees will consider deleting all information that I have identified as “confidential” prior to posting the application.

Signature

Date

**SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE
BELOW:**

Papahānaumokuākea Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
FAX: (808) 397-2662

DID YOU INCLUDE THESE?

- ☐ Applicant CV/Resume/Biography
- ☐ Intended field Principal Investigator CV/Resume/Biography
- ☐ Electronic and Hard Copy of Application with Signature
- ☐ Statement of information you wish to be kept confidential
- ☐ Material Safety Data Sheets for Hazardous Materials

Papahānaumokuākea Marine National Monument Compliance Information Sheet

1. Updated list of personnel to be covered by permit. List all personnel names and their roles here (e.g. John Doe, Diver; Jane Doe, Field Technician, Jerry Doe, Medical Assistant):

Cultural Practitioner-Legario Eharis
Cultural Practitioner-Walter Pu
Cultural Practitioner - Faylene Mahina Duarte
Research Scientist-Chris Bird, Ph.D.
Research Scientist - Matt Ramsey
Research Scientist - Nakoa Goo
Research Scientist-Rob Toonen, Ph.D.
Community Manager-Emily Fielding

2. Specific Site Location(s): (Attach copies of specific collection locations): Shallow water areas at Nihoa Island, Mokumanamana Island, and Gardner Pinnacles.

3. Other permits (list and attach documentation of all other related Federal or State permits): N/A

3a. For each of the permits listed, identify any permit violations or any permit that was suspended, amended, modified or revoked for cause. Explain the circumstances surrounding the violation or permit suspension, amendment, modification or revocation. N/A

4. Funding sources (Attach copies of your budget, specific to proposed activities under this permit and include funding sources. See instructions for more information): This project is supported by the NOAA/NOS/ONMS/Papahānaumokuākea Marine National Monument.

5. Time frame:

Activity start: This is a renewal permit application, the project started in July, 2008
Activity completion: December 2011

Dates actively inside the Monument:
From: 9/01/2009

To: 10/20/2009

Describe any limiting factors in declaring specific dates of the proposed activity at the time of application:

Personnel schedule in the Monument: Personnel will enter the Monument via NOAA Ship HI'IALAKAI. All activities would be based off HI'IALAKAI. Cultural practitioners may fly out of Midway Atoll two-three weeks into the cruise. Flights would be coordinated through the NOAA/Papahānaumokuākea Marine National Monument in conjunction with Midway USFWS staff.

6. Indicate (with attached documentation) what insurance policies, bonding coverage, and/or financial resources are in place to pay for or reimburse the Monument trustees for the necessary search and rescue, evacuation, and/or removal of any or all persons covered by the permit from the Monument: All participants will purchase DAN insurance by the departure date.

7. Check the appropriate box to indicate how personnel will enter the Monument:

- ☒ Vessel
☒ Aircraft

Provide Vessel and Aircraft information: NOAA Ship HI'IALAKAI - Please see HI'IALAKAI's permit and compliance information sheet for all vessel information. Flight information out of Midway Atoll will be provided once reservations are made with USFWS.

8. The certifications/inspections (below) must be completed prior to departure for vessels (and associated tenders) entering the Monument. Fill in scheduled date (attach documentation):

- ☐ Rodent free, Date:
☐ Tender vessel, Date:
☐ Ballast water, Date:
☐ Gear/equipment, Date:
☐ Hull inspection, Date:

9. Vessel information (NOTE: if you are traveling aboard a National Oceanic and Atmospheric Administration vessel, skip this question):

Vessel name:
Vessel owner:
Captain's name:
IMO#:
Vessel ID#:
Flag:
Vessel type:
Call sign:
Embarkation port:
Last port vessel will have been at prior to this embarkation:
Length:
Gross tonnage:
Total ballast water capacity volume (m3):
Total number of ballast water tanks on ship:
Total fuel capacity:
Total number of fuel tanks on ship:
Marine Sanitation Device:
Type:

Explain in detail how you will comply with the regulations regarding discharge in the Monument. Describe in detail. If applicable, attach schematics of the vessel's discharge and treatment systems:

Other fuel/hazardous materials to be carried on board and amounts:

Provide proof of a National Oceanic and Atmospheric Administration (NOAA) Office of Law Enforcement-approved Vessel Monitoring System (VMS). Provide the name and contact information of the contractor responsible for installing the VMS system. Also describe VMS unit name and type:

VMS Email:
Inmarsat ID#:

* Individuals MUST ENSURE that a type-approved VMS unit is installed and that its automatic position reports are being properly received by the NOAA OLE system prior to the issuance of a permit. To make sure your VMS is properly configured for the NOAA OLE system, please contact NOAA OLE at (808) 203-2503 or (808) 203-2500.

* PERMITS WILL NOT BE ISSUED TO INDIVIDUALS ENTERING THE MONUMENT VIA VESSEL UNTIL NOAA OLE HAS CONTACTED THE MONUMENT PERMIT COORDINATOR WITH A 'POSITIVE CHECK' READING.

10. Tender information:

On what workboats (tenders) will personnel, gear and materials be transported within the Monument? List the number of tenders/skiffs aboard and specific types of motors: Small boats off NOAA Ship HI'IALAKAI

Additional Information for Land Based Operations

11. Proposed movement of personnel, gear, materials, and, if applicable, samples:

12. Room and board requirements on island: Please see above - there are no room and board requirements for any of the U.S. Fish and Wildlife Administered Refuges.

13. Work space needs: None on land.

DID YOU INCLUDE THESE?

- ☐ Map(s) or GPS point(s) of Project Location(s), if applicable
- ☐ Funding Proposal(s)
- ☐ Funding and Award Documentation, if already received
- ☐ Documentation of Insurance, if already received
- ☐ Documentation of Inspections
- ☐ Documentation of all required Federal and State Permits or applications for permits